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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

 (Currently Amended) A method for temporal drift correction in a real-time electronic communication comprising:

measuring a size of a receiving data buffer;

comparing the measured size of the receiving data buffer to a predetermined nominal data buffer size to produce a comparison result;

weighting the comparison result[[;]] with determining a parameter that relates to and amplifies a perceived value of [[the]] temporal drift based on the weighted comparison result;

determining, based on the <u>comparison result weighted with the</u> determined parameter, a number of samples to be inserted in or removed from a playback data block; and

modifying the playback data block by inserting or removing a number of samples that is based on the determined number of samples.

- (Original) The method of claim 1 wherein the number of samples is modified without introducing audible artifacts.
- (Original) The method of claim 1 wherein measuring the size of the receiving data buffer comprises measuring an instantaneous size of the receiving data buffer.
- 4. (Original) The method of claim 3 wherein measuring the size of the receiving data buffer comprises:

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measuring an instantaneous communication delay associated with the receiving data buffer two or more times; and

averaging the measurements.

- (Original) The method of claim 1 wherein the real-time electronic communication includes an audio communication.
- 6. (Original) The method of claim 5 wherein modifying the number of samples comprises performing heuristic resampling of the playback data block.
- 7. (Original) The method of claim 6 wherein performing heuristic resampling comprises: analyzing multiple consecutive samples of audio data in the playback data block; identifying consecutive samples with minimal variation in a parameter of their data; and adjusting the number of samples in the identified consecutive samples.
- (Original) The method of claim 7 wherein adjusting the number of samples comprises removing a sample from the identified consecutive samples.
- (Original) The method of claim 7 wherein adjusting the number of samples comprises adding a sample to the identified consecutive samples.
- 10. (Currently Amended) A computer program, residing on a computer-readable medium, for correcting temporal drift in a real-time electronic communication, comprising instructions for causing a computer to:

measure a size of a receiving data buffer;

compare the measured size of the receiving data buffer to a predetermined nominal data buffer size to produce a comparison result;

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weight the comparison result[[;]] with determine a parameter that relates to and amplifies a perceived value of [[the]] temporal drift based on the weighted comparison result;

determine, based on the comparison result weighted with the determined parameter, a number of samples to be inserted in or removed from a playback data block; and

modify the playback data block by inserting or removing a number of samples that is based on the determined number of samples.

- 11. (Original) The computer program of claim 10 wherein the number of samples is modified without introducing audible artifacts.
- (Original) The computer program of claim 10 wherein instructions for causing a 12. computer to measure the size of the receiving data buffer comprise instructions for causing a computer to measure an instantaneous size of the receiving data buffer.
- (Original) The computer program of claim 12 wherein instructions for causing a 13. computer to measure the communication delay comprise instructions for causing a computer to: measure the instantaneous size of the receiving data buffer two or more times; and average the measurements.
- (Original) The computer program of claim 10 wherein the real-time electronic 14 communication includes an audio communication.
- 15. (Original) The computer program of claim 14 wherein instructions for causing a computer to modify the number of samples comprises instructions for causing a computer to perform heuristic resampling of the playback data block.
- (Original) The computer program of claim 15 wherein instructions for causing a 16. computer to perform heuristic resampling comprise instructions for causing a computer to:

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analyze multiple consecutive samples of audio data in the playback data block; identify consecutive samples with minimal variation in a parameter of their data; and adjust the number of samples in the identified consecutive samples.

17. (Currently Amended) A computer system running programmed processes comprising a process for correcting temporal drift in a real-time electronic communication, the process causing the computer system to:

measure a size of a receiving data buffer;

compare the measured size of the receiving data buffer to a predetermined nominal data buffer size to produce a comparison result;

weight the comparison result[[;]] <u>with</u> determine a parameter that relates to and amplifies a <u>perceived value of [[the]]</u> temporal drift-based on the <u>weighted comparison result</u>;

determine, based on the <u>comparison result weighted with the</u> determined parameter, a number of samples to be inserted in or removed from a playback data block; and

modify the playback data block by inserting or removing a number of samples that is based on the determined number of samples.

- 18. (Original) The computer system of claim 17 wherein the number of samples is modified without introducing audible artifacts.
- 19. (Original) The computer system of claim 17 wherein measuring the size of the receiving data buffer comprises measuring an instantaneous size of the receiving data buffer.
- (Original) The computer system of claim 19 wherein measuring the size of the receiving data buffer comprises:

measuring the instantaneous communication delay associated with the receiving data buffer two or more times; and

averaging the measurements.

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21. (Original) The computer system of claim 17 wherein the real-time electronic communication includes an audio communication.

- (Original) The computer system of claim 21 wherein modifying the number of samples comprises performing heuristic resampling of the audio playback data block.
- 23. (Original) The computer system of claim 22 wherein performing heuristic resampling comprises:

analyzing multiple consecutive samples of audio data in the playback data block; identifying consecutive samples with minimal variation in a parameter of their data; and adjusting the number of samples in the identified consecutive sample.

- (Previously Presented) The method of claim 1 wherein the samples are not associated with a timestamp.
- (Previously Presented) The computer program of claim 10 wherein the samples are not associated with a timestamp.
- (Previously Presented) The computer system of claim 17 wherein the samples are not associated with a timestamp.
- 27. (New) A method for temporal drift correction in a real-time electronic communication, comprising:

comparing a measured size of a receiving data buffer to a predetermined nominal data buffer size to produce a comparison result;

weighting the comparison result with a parameter that relates to and amplifies a perceived value of temporal drift;

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dividing the weighted comparison result by a number of nominal playback blocks in the

determining, based on the comparison result weighted with the parameter and divided by the number of nominal playback blocks, a number of samples to be inserted in or removed from a playback data block,

wherein:

the comparing, weighting and determining are performed in accordance with the formula TD[i] = CF * (AS[i] - Ns) / Nb, where

TD[i] is the perceived value of temporal drift for an i-th playback block,

CF is the parameter and is greater than one,

AS[i] is the measured size of the receiving data buffer for the i-th playback block,

Ns is the predetermined nominal data buffer size, and

Nb is a number of nominal playback blocks in the data buffer.

- (New) The method of claim 27 wherein the number of samples is modified without introducing audible artifacts.
- 29. (New) The method of claim 27 wherein measuring the size of the receiving data buffer comprises measuring an instantaneous size of the receiving data buffer.
- 30. (New) The method of claim 29 wherein measuring the size of the receiving data buffer comprises:

measuring an instantaneous communication delay associated with the receiving data buffer two or more times; and

averaging the measurements.

 (New) The method of claim 27 wherein the real-time electronic communication includes an audio communication.

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32. (New) The method of claim 31 wherein modifying the number of samples comprises performing heuristic resampling of the playback data block.

- 33. (New) The method of claim 32 wherein performing heuristic resampling comprises: analyzing multiple consecutive samples of audio data in the playback data block; identifying consecutive samples with minimal variation in a parameter of their data; and adjusting the number of samples in the identified consecutive samples.
- 34. (New) The method of claim 33 wherein adjusting the number of samples comprises removing a sample from the identified consecutive samples.
- 35. (New) The method of claim 33 wherein adjusting the number of samples comprises adding a sample to the identified consecutive samples.